

mp EC1	EWMPPIFVP	ENGK	GPFPQRLNQL	KSNKD	RGTKIFYYSITGPGADSPPEGVFTIEKES
fat EC18	EDTVYSFDID	ENAGR	GYQVGQIV	ARDAD	LGGNAQLSYGVVSDWANDVFSLNPT
pc42 EC2	ASPVITLAIP	ENTNI	GSLEPIPL	ASDRD	ANELQVAEDQEEKPQLIM
HPT-1 EC1	IVTENIWKAPKV	EMVEN	STPHPIKITQ	VRWIND	PGAGYSLVDKEKLPRFPFSDQE
BTRcad-1	ITANLGTQVIYMD	EIDEITIAILNNG	GPSTP	FIELPFLSSYNLLMPVIRRVN	
BTRcad-2	QNFEPQCRVP	ELGEP	GLTECTYQ	VSDADGRISTEFMFRI	DSVR
BTRcad-3	LEIFAVQQFE	EKSQ	NFTVR	AJDGDTEINMPIN	YRLITNEEDTFFSIEALPGGKS
BTRcad-4	IHKEYRLAIM	EETPL	TLNFDKEFG	FHDKDLGQNAQY	TVRLSVESVPPGAAEAFYIAPEV
BTRcad-5	EHAVQTTFD	ETRGE	GFFVAKAV	AHARDIGDVVEHTL	LGNAVNFLLTDKLT
BTRcad-6	RLPRGSPQVE	ENVPD	AHVITQELR	AIDPDITADLRFE	INWDTSFATKQGRQANPDEFRCNCVEIETIP
BTRcad-7	VEGTLEQNFVR	EMSAG	GLVVGSVR	ADDIDGPLYNQVR	YTIFFREDITDKDLIMIELPH
BTRcad-8	ETTKFDTVVYIY	ENATH	LDEVVTLI	ASDLDRDEIYHMVS	YVINYAVNPRLMNFFSVNRET
BTRcad-9	PPPSELSWTIS	ENLKO	GVRLEPHIF	APDRDEPDTNSR	VGYEILNLSSTERDIEVPELFVMIQIIANVT
BTRcad-10	VFPTNDAVIRLAR	ERAVIN	GVLATVNGEFLERIS	AIDPDGLHAGVVT	FQVVGDEESQRYFQVVDND
BTRcad-11	ASSEHAVAFI	EKSA	GMEESHQPLP	AQDIKINHLCEDD	CHSIYYRIIDGNSEGHF

Cadherin Consensus Motif -----G.....A.D.D.....-----

mp EC1	GWLLLLHMP	LDREK	KIVKVELYGHAVSENGA	SVEEPMN	ISIIVTDNDNKPKE	(SEQ ID NO:8)
fat EC18	GMLTLTAR	LDYEE	VQHYILIVGAQDNGQP	SLSTTI	TVYCNVLDLNDNAPKE	(SEQ ID NO:9)
pc42 EC2	GN	LDREIR	WDSYDLTIKVQDGGSP	PRATS	ALLRVTVLDTNDNAPKE	(SEQ ID NO:10)
HPT-1 EC1	GDIYVTOP	LDREK	DAYVFYAVAKDEYK	PLSYPLE	IHVKVVDIINDNAPKE	(SEQ ID NO:11)
BTRcad-1	GSASHH	HARGHYEL	PGMQQYMFNVRVD	GQSLVAG	VSALVINIIDDNAPKE	
BTRcad-2	GDEETFYERTNIPNQWMLNMTIGVNTS	LNFTV	SPLHIFSVALDSL	PNTH	VTMMVQVANNNSRPPRW	
BTRcad-3	GAVFLV	IDRDTL	QREVFPLTIYAYKYDEE	AFST	STNVVIIVTIDINDQRP	
BTRcad-4	GYQRQTFIMGTLNHSM	IDYEV	PEFQSIIRVATDNDNT	RHVG	VALVHIDLINWDEQPIE	
BTRcad-5	GDIRVSANDSFN	YHRESEL	FVQVRATDITLQGP	FHTAT	SQVLRINDIINNTPPT	
BTRcad-6	FPFENNINNRGLAIGRVVAREIRHNVT	IDYEE	FEVLSLTVRVRDLNTVYG	DDYDE	SMLTITIIMNDNAPRW	
BTRcad-7	GSNFRE-HKRRIDANTPPRFHLYYTVVAS	SDRCS	TEDPADCPPDPT	YWETE	GNITIHIIDINNKPQGA	
BTRcad-8	GLVYVDYETQSG	IDRDG	DEPTHRIFENLIDNFMGE	EGGN	-RNQNDTEVLVIDNDNAPKE	
BTRcad-9	GYEILNLSSTERDIEVPELFVMIQIANVT	GELET	AMDKGYWGTYATYILAFDHG	IPQMS	MNETYELIHPFNYYAPEI	
BTRcad-10	GENGLSLRLQAVPE	EIREFR	ITIRATDQGTDP	---	---	
BTRcad-11	GLDPVRNRLFLKKE	LIRKDS	SASHTLQVAASNSPDGGI	---	---	

Cadherin Consensus Motif -----G.....DRE.....D.ND...P.F

FIG. 21